

10/661843 CgC
Patent No. 6,952,932
Request for Cert. of Correction dated February 28, 2006
Attorney Docket No. 4277-044739

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,952,932 Confirmation No. 8544
Inventor : Goettel et al.
Issued : October 11, 2006
Title : Aftercooler Bypass Means For A
Locomotive Compressed Air System
Examiner : Marc Norman
Customer No. : 28289



Certificate
MAR 08 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

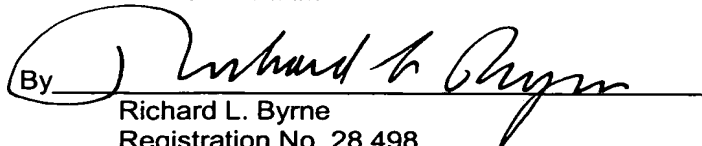
In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Column 6, Line 33, Claim 9, "valve provide control said three-way" should read:
-- valve **to** provide control air **for** said three-way --
(See Preliminary Amendment of 09/12/2003, page 4, Claim 20, Lines 12-13.
See also Examiner's Amendment of 12/20/2004, page 3, Claim 20, Line 9.
Claim 20 issued as Claim 9.)

Column 6, Line 37, Claim 10, "includes additional" should read:
-- includes **the** additional --
(See Preliminary Amendment of 09/12/2003, page 4, Claim 21, Line 2.
See Examiner's Amendment of 12/20/2004, page 4, Claim 21, Line 1.
Claim 21 issued as Claim 10.)

Respectfully submitted,

THE WEBB LAW FIRM

By 

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,952,932
APPLICATION NO. : 10/661,843
ISSUE DATE : October 11, 2005
INVENTORS : Goettel et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

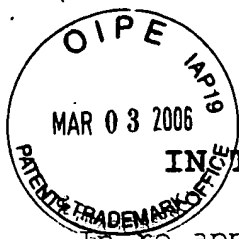
Column 6, Line 33, Claim 9, "valve provide control said three-way" should read:
-- valve **to** provide control air **for** said three-way --

Column 6, Line 37, Claim 10, "includes additional" should read:
-- includes **the** additional --

MAILING ADDRESS OF SENDER: The Webb Law Firm
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1845

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Group Art Unit: TBA
)
) Examiner: TBA
)
Serial No.: TBA) Attorney Docket: WAB 03238
)
Filed: (Concurrently herewith)) Date: September 12, 2003

For: AFTERCOOLER BYPASS MEANS FOR A LOCOMOTIVE
COMPRESSED AIR SYSTEM

MAIL STOP DIVISIONAL APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

As noted in the Transmittal Letter, this application is a Divisional Application of Application Serial No. 09/902,192 filed July 9, 2001. Prior to the examination of this Divisional Application, please amend the application as follows:

3 13. (Original) The apparatus, according to claim 12,² wherein a magnet valve is connected to receive hot gas from such compressor for operating said bypass means, with said electrical switch being connected to said magnet valve for operating said magnet valve in response to receipt of a temperature representing signal.

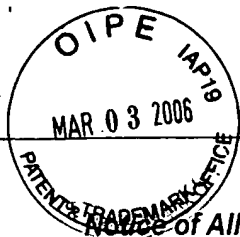
9 20. (Amended) A method of by passing an aftercooler connected to receive high temperature compressed air from a source of such air, the method comprising the steps of:

5 (a) connecting (1) a first port of a three-way valve to such source of high temperature air, (2) a second port of such valve to such aftercooler, and (3) a third port of such valve to an output pipe;

10 (b) opening said valve between said first and second ports to conduct high temperature air through said valve to said third port when ambient temperature is near, at or below freezing, and to close said valve when ambient temperature is above freezing;

(c) using a magnet valve to provide control air for said three-way valve for operating said three way valve in response to changes in ambient temperature.

10 21. (Amended) The method, according to ~~of~~ claim 19 20 wherein said method includes the additional step of using a



Notice of Allowability

Application No.

10/661,843

Examiner

Marc E. Norman

Applicant(s)

GOETTEL ET AL.

Art Unit

3744

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Application filed 12 September 2004.
2. ☒ The allowed claim(s) is/are 11-13,20,21 and 23-27.
3. ☒ The drawings filed on 12 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Art Unit: 3744

aftercooler from such compressor for cooling, such hot gases being effective to heat such cooled gases at such receiving location;

(b) a temperature sensitive means for controlling an amount of hot gases by-passed around such aftercooler and to such location for receiving cooled gases from such aftercooler, wherein said temperature sensitive means is a thermostat located in a three-way valve connected to receive both hot and cooled gases.

2
12. The apparatus, according to claim 11, wherein said temperature sensitive means includes an electrical switch connected to receive a temperature representing signal.

9
20. (Amended) A method of by passing an aftercooler connected to receive high temperature compressed air from a source of such air, the method comprising the steps of:

5
(a) connecting (1) a first port of a three-way valve to such source of high temperature air, (2) a second port of such valve to such aftercooler, and (3) a third port of such valve to an output pipe;

(b) opening said valve between said first and second ports to conduct high temperature air through said valve to said third port when ambient temperature is near, at or below freezing, and to close said valve when ambient temperature is above freezing;

10
(c) using a magnet valve provide control said three-way valve for operating said three way valve in response to changes in ambient temperature.

Art Unit: 3744

⁹
(10) 21. The method, according to claim ~~20~~, wherein said method includes additional step of using a thermostat located in said three-way valve to open and close said valve.

The following new claims 23-27 have been added:

¹
(4) 23. The apparatus, according to claim ~~11~~, wherein said bypass means includes a three-way valve having two ports connected respectively to receive hot gas from such compressor and cooled gas from such aftercooler, and an outlet port for directing a mixture of such gases from said valve.

¹
(8) 24. The apparatus, according to claim ~~11~~, wherein said apparatus further includes a temperature sensitive means for controlling an amount of hot gas by-passed around such aftercooler and to such predetermined location for receiving such cooled gas from such aftercooler.

⁴
(5) 25. The apparatus, according claim ~~23~~, wherein said three-way valve supplies a mixture of such gases to an output pipe when ambient temperature falls to at least one of near freezing and freezing.

⁴
(16) 26. The apparatus, according to claim ~~23~~, wherein said apparatus further includes a magnet valve connected to receive hot compressed gas from such source of such gas, and use same as a control gas for operating said three-way valve.